

Application No. 09/513,129
Attorney Docket No. 35.C14299

VERSION WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

1. (Amended) An electron-emitting device having a pair of electric conductors disposed on a substrate [in opposed relationship with each other,] and a pair of [piled] films composed chiefly of carbon and connected to said pair of electric conductors and disposed with a gap interposed therebetween, characterized in that said [piled] films contain therein one or more kinds of elements selected from the group of lithium, potassium, sodium, calcium, strontium and barium within the range of 1 mol% to 5 mol% in terms of the percentage to carbon.

2. (Amended) An electron-emitting device provided with a pair of device electrodes disposed on a substrate [in opposed relationship with each other], an electrically conductive film connected to said pair of device electrodes and having a fissure between the pair of device electrodes, and a [deposit] carbon film composed chiefly of carbon and formed in said fissure and on an area including said fissure

and having in said fissure a gap of a width narrower than said fissure, characterized in that said [deposit] carbon film contains therein one or more kinds of elements selected from the group of lithium, potassium, sodium, calcium, strontium and barium within the range of 1 mol% to 5 mol% in terms of the percentage to carbon.

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